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**PATENT ABSTRACTS OF JAPAN**(21) Application number: **60084583**(51) Intl. Cl.: **H01L 21/30 H01L 21/68**(22) Application date: **22.04.85**

(30) Priority:	(71) Applicant: <b>CANON INC</b>
(43) Date of application publication: <b>30.10.86</b>	(72) Inventor: <b>YAMADA YUICHI OUTSUKA KAZUHIITO</b>
(84) Designated contracting states:	(74) Representative:

**(54) CORRECTION OF  
ORIGIN DEVIATION  
BETWEEN STATIONARY  
STAGE AND ROTARY  
STAGE**

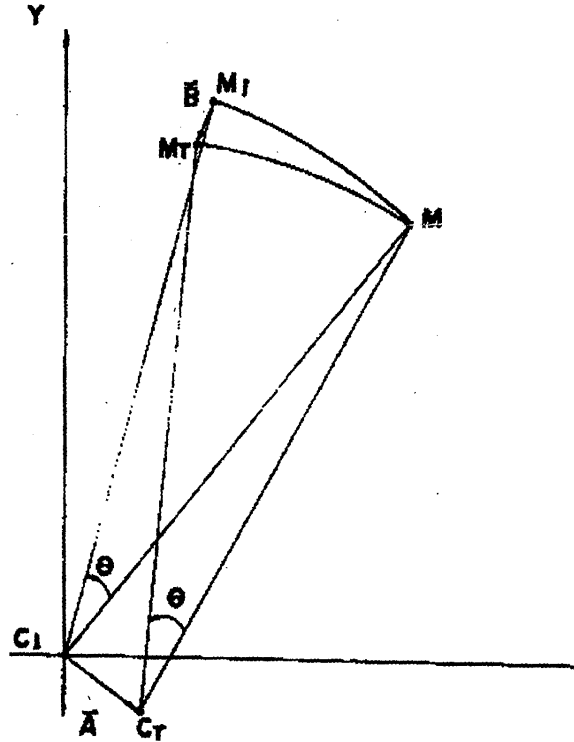
(57) Abstract:


**PURPOSE:** To prevent a new deviation from occurring by correcting  $\theta$  slip by a method wherein, when there is a deviation between the coordinate origin of rotary stage and the other coordinate origin of stationary stage, the deviation of origin is corrected.

**CONSTITUTION:** Assuming azimuth to be  $\theta$ , a common point to a stationary stage and a rotary stage, the coordinate origin (rotary center) of rotary stage and the other coordinate origin of stationary stage are respectively specified to be M, Cr and C1. When there is a slip between the coordinate origin of two stages, a new vector B is drawn by  $\theta$  rotation of the rotary stage. The vector B being measurable can be measured to

shift the coordinate origin  $C_1$  of stationary stage by one vector  $A$  or to shift the coordinate origin  $C_r$  of rotary stage by one vector  $A$  for calculating the later deviation using the new data thus measured as a new coordinate so that a new deviation due to  $\theta$  rotation may be prevented from occurring.

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Title: **JP61244027A2: CORRECTION OF ORIGIN DEVIATION BETWEEN STATIONARY STAGE AND ROTARY STAGE**

Country: **JP Japan**  
Kind: **A**

Inventor(s): **YAMADA YUICHI  
OUTSUKA KAZUHITO**

Applicant/Assignee:

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**Oct. 30, 1986 / April 22, 1985**

Application Number:

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Priority Number(s):

April 22, 1985 **JP1985000084583**

Abstract:



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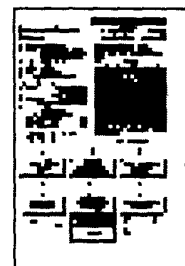
**Constitution:** Assuming azimuth to be  $\theta$ , a common point to a stationary stage and a rotary stage, the coordinate origin (rotary center) of rotary stage and the other coordinate origin of stationary stage are respectively specified to be M, Cr and C1. When there is a slip between the coordinate origin of two stages, a new vector B is drawn by  $\theta$  rotation of the rotary stage. The vector B being measurable can be measured to shift the coordinate origin C1 of stationary stage by one vector A or to shift the coordinate origin Cr of rotary stage by one vector A for calculating the later deviation using the new data thus measured as a new coordinate so that a new deviation due to  $\theta$  rotation may be prevented from occurring.

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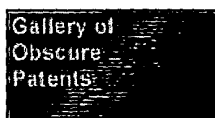
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